



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129600-C

Mode: Highway

Status: Submitted

I-26

From/Cross Street: I-40/I-240

Specific Improvement Type: 8 - Improve Interchange

To:

Project Category: Statewide Mobility

Length: 2

TIP#: I-2513C

Fully Funded in Draft STIP? Yes **Statewide Mobility**

Cost to NCDOT: \$105,400,000

Description:

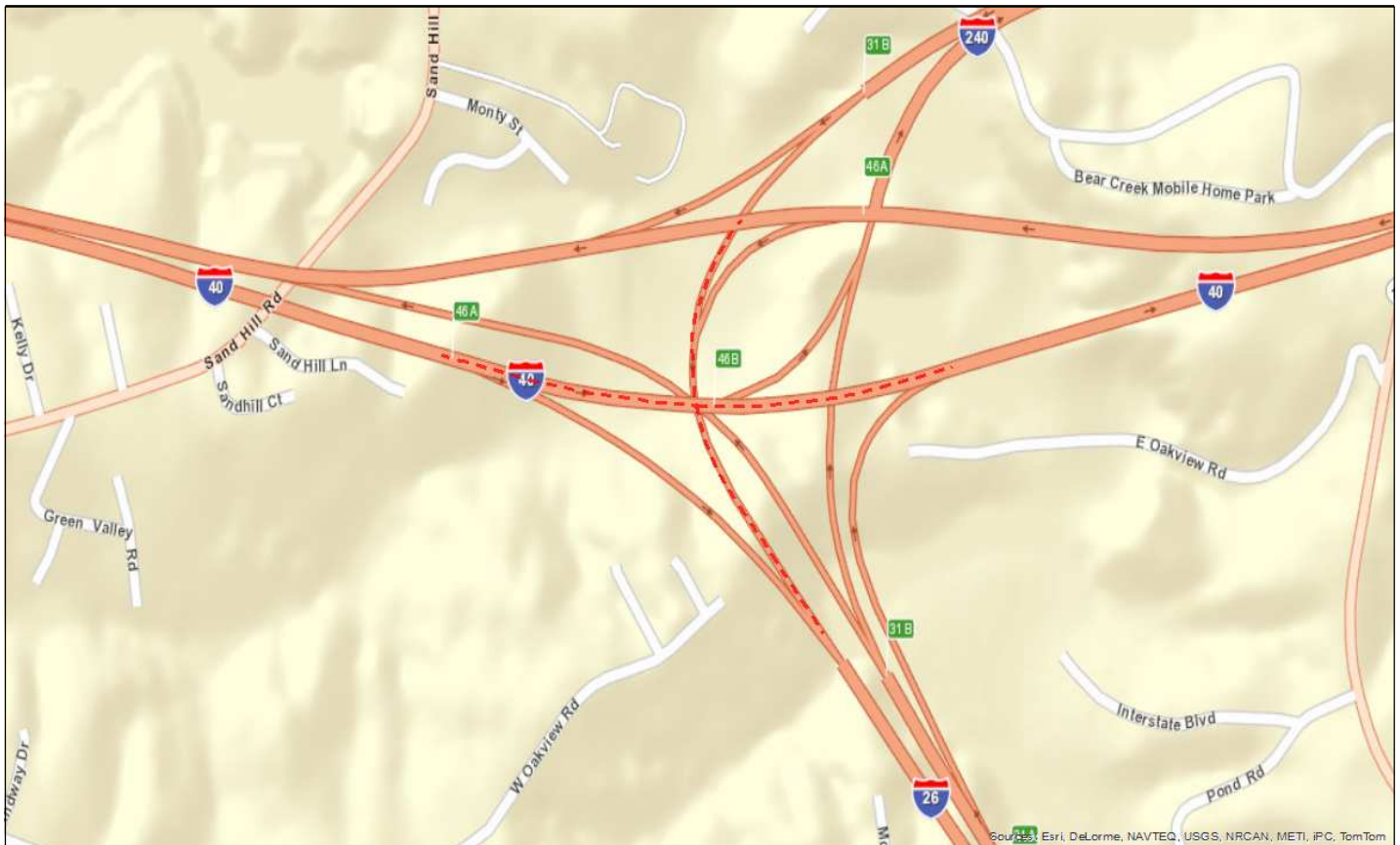
Reconstruct interchange

Division(s): Division 13

County(s): BUNCOMBE

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Statewide Mobility Total Score: 52.72

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 100.00 Economic Competitiveness (10%) 2.36 Multimodal + [Freight & Military] (20%) 70.07 [Travel Time] Benefit/Cost (30%) 0.44 Safety (10%) 83.35	N/A	N/A
Totals: Weight: 100% Weighted Score: 52.72		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 83.35 [Travel Time] Benefit/Cost (25%) 0.44 Accessibility / Connectivity (10%) 45.21 Congestion (V/C) (25%) 100.00	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 37.97		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 100.00 [Travel Time] Benefit/Cost (20%) 0.44 Safety (10%) 83.35	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 28.42		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	60
Length (miles):	2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	10
Roadway has Curb & Gutter?	No
Volume (AADT):	135620.58
Capacity:	144800
Volume/Capacity Ratio:	0.94
% Autos:	90%
% Trucks:	10%
Truck Volume:	14014.64
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	100
Severity Index:	66.7
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	18
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	98
Actual Congested Speed:	56.69
Travel Time Index:	1.06

Project Benefits

Project Cross-Section:	
Speed Limit:	60
Length (miles):	2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	2025000
Travel Time Savings for 30 Years (Autos):	1815742.31
Travel Time Savings for 30 Years (Trucks):	209257.69
Long-Term Employment:	38
% Change in Economy:	9.27E-06
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$104,400,000	TIP Unit
Right-of-Way Cost:	\$1,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$105,400,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$105,400,000	